HENDIX PRIME XP 75/62 HENDIX™ Solutions
GLUED HOOKED END STEEL FIBER

EN 14889-1:2006; STO 71915393-TU 106-2011

STEEL FIBER

DESCRIPTION

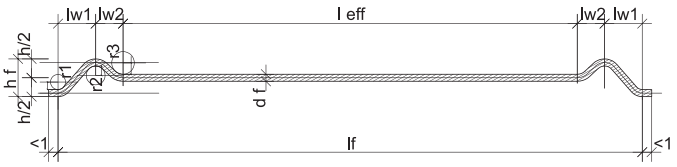
Fiber of this type was designed by applying state-of-the-art developments in the field of dispersed reinforcement.
Anchor's unique shape and extended length are the features that make steel fiber reinforced concrete a unique product.
Application: industrial floors, walls and loadbearing constructions with high demands on crack width limitation.

FIBER DIMENSIONS AND MECHANICAL PROPERTIES

Fiber diameter, mm	Fiber length, mm	Hooked ends length, mm	Hook height, mm	Ratio l_f/d_f	Number of fibers per 1 kg, pcs.	Total length of 10 kg of fiber, m
0.75 ± 0.04	62.0 ± 2.0	6.9 ± 1.0	4.0 +0.1/-0.3	83	4651	2883.49

Tensile strength R_m (average standard value), N/mm²*	Module of elasticity**, N/mm²*, not less than
1500	200 000

* 1 N/mm²=1 MPa.
** not regulated, based on the used steel grades.



ADVANTAGES

Hendix XP 75/62 - is a perfect steel fiber for structural applications with high performance requirements and strength of concrete in tension. Optimized and improved anchor ensures superior performance of steel fibers.

PACKAGING

- Corrugated cardboard boxes 25 kg.
- Big Bags - 600 kg.

DOSING

To avoid the well-known balling effect of fiber with an effective performance-oriented shape during the dosing process this fiber is glued into cages while being manufactured. The used glue later dissolves in the fluids of the concrete in the process of preparing the fiber-reinforced concrete mixture without compromising the quality of the mixture.

CERTIFICATION

- CERTIFICATE OF CONSTANCY OF PERFORMANCE 1397-CPR-0580

SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS

Notified body No. 1397

CERTIFICATE OF CONSTANCY OF PERFORMANCE
1397-CPR-0580

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011, this certificate applies to the construction product.

Construction product: **steel fibres**

Parameters (type): **Hendix prime XP 75/62:**
- **group I, length 62 mm, diameter 0,75 mm;**
- **shape - deformed (with hooked ends);**
- **without coating, glued to leaflets;**
- **tensile strength: 1500 N/mm²;**
- **consistence with 15 kg/m³ fibres - Vebe time 8 s;**
- **effect on strength of concrete - 15 kg/m³ to obtain 1,5 N/mm² at CMOD=0,5 mm and 1,0 N/mm² at CMOD=3,5 mm**

Intended use: **for structural use in concrete, mortar and grout**

Manufacturer: **JSC "Severstal-metiz", 50-letiya Oktyabrya str. 1/33, 162610, Cherepovets, Vologda region, Russia company code 104350025058**

Manufacturing plant: **JSC "Severstal-metiz", 50-letiya Oktyabrya str. 1/33, 162610, Cherepovets, Vologda region, Russia**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 14889-1:2006*

under system 1 for the performances set out in this certificate are applied and that the construction product fulfils all the prescribed requirements for these performances.

This certificate was first issued on **2017-03-31** and will remain valid as long as the mentioned harmonised standard or manufacturing conditions in the plant or factory production control are not modified significantly. Information about validity of this certificate is published at www.spsc.lt

Director Robertas Enclus

Vilnius 2017-03-31